WHAT IS CLAIMED IS:

1. A container that supplies a source of fuel to a direct methanol fuel cell, the container comprising:

a housing, the housing having at least a portion of a wall of the housing being comprised of a thermally conductive material;

a fuel egress port supported by the housing; and

a surface area enhanced planar vaporization membrane residing in the container.

2. The container of claim 1 wherein the surface area enhanced planar vaporization membrane is a polymer membrane.

3. The container of claim 1 wherein the at least a portion of a wall of the housing being comprised of a thermally conductive material is comprised of a metal.

4. The container of claim 1 wherein remaining portions of walls of the container are thermally insulating.

5. The container of claim 1 wherein the at least a portion of a wall of the housing being comprised of a thermally conductive material is a portion of the housing of the container disposed adjacent the fuel egress port of the container.

6. The container of claim 1 wherein the container is a fuel cartridge.

7. The container of claim 1 wherein the cartridge contains a liquid source of hydrogen.

8. The fuel cartridge of claim 1 wherein the liquid source of hydrogen is methanol.

9. The fuel cartridge of claim 1 wherein container is a fuel reservoir.

10. The fuel cartridge of claim 1 wherein at least a portion of a wall of the housing being comprised of a thermally conductive material enhances a delivery rate of methanol in a vapor phase across the membrane to deliver vapor at the egress port of the container.

11. A fuel cartridge that supplies a source of fuel to a direct methanol fuel cell, the fuel cartridge comprising:

a housing, the housing containing a liquid source of hydrogen and having at least a portion of a wall of the housing being comprised of a thermally conductive material;

a fuel egress port supported by the housing.

12. The fuel cartridge of claim 11 wherein the liquid is methanol.

13. The fuel cartridge of claim 11 wherein remaining portions of walls of the cartridge are thermally insulating.

14. The fuel cartridge of claim 11 wherein the at least a portion of a wall of the housing being comprised of a thermally conductive material is a portion of the housing of the container disposed adjacent the fuel egress port of the cartridge.

15. The fuel cartridge of claim 11 wherein the at least a portion of a wall of the housing being comprised of a thermally conductive material is comprised of a metal.

16. A method comprises:

disposing a fuel cartridge into a compartment of an electronic device such that a portion of a wall of a housing of the fuel cartridge that is comprised of a thermally conductive material is placed in thermal communication with a heat generating component in the electronic device to enable a vapor phase of the fuel in the housing to egress from the cartridge.

17. The method of claim 16 wherein fuel cartridge contains a source of an oxidizable fuel.